

### **MARCH 1994**

## HAM RADIO +



## BILL KD6JUI

(SEE SPEAKER OF THE MONTH)



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408-251-8536 415-325-9808

#### PAARA POLICIES

MEMBERSHIP IN PAARA IS \$6.00 PER CALENDAR YEAR WHICH INCLUDES A SUBSCRIPTION TO PAARA/GRAPHS. MAKE PAYMENT TO THE PALO ALTO AMATEUR RADIO ASSOCIATION, P.O. BOX 911, MENLO PARK, CA 94026 CLUB NET 147.45 MHZ MONDAYS 8:30 PM MEETINGS: 7:30 PM ON THE FIRST FRIDAY OF EACH MONTH AT THE MENLO PARK RECREATION CENTER. 700 ALMA STREET.

SEND PAARA/GRAPHS CORRESPONDENCE TO:

CHUCK JOHNSON N6VFH, EDITOR 3309 MT. LOGAN DRIVE SAN JOSE, CA 95127 FROM THE EDITOR'S DESK
HAPPY MARCH 1994
C U NEXT MONTH!

73 DE YOUR EDITOR SPEAKER OF THE MONTH



DE ANDY VE3FZK

MARCH PROGRAM "BICYCLE BILL" KD6JUI, on:

"HAM RADIO BIKE TOURS" --- slide show, QRP gear demo! 7:30 PM Menlo Park Rec. Center Friday March 4th!

Dinner with speaker at SU HONG, 6 PM March 4th... (Bill gets off the SP train at 6, with his back pack loaded with the ham gear, so be there!!!)

One of Bill's greatest pleasures in life is doing ham radio in the field, especially long bike tours. He invented the "Pacific Crest Bicycle Trail" and wrote a guide book on it. Each summer, he takes a group of hams on the tour.

## THE PRESIDENT'S MESSAGE

The Prez has been out of town for the better part of the month so she is completely in the dark as to the latest details of what's happening in PAARAland... There is a Board Meeting at N6PGM QTH on March 16th so Board Members take note. Also, be sure to pay your dues in order to be included in the upcoming PAARA roster. See you at the meeting March 4th!

REMEMBER-OPEN HOME BREW NITE NOW AT EVERY MEETING. BRING UR CREATIONS TO SHOW-'N-TELL WITH THE CLUB! - YE OLDE NOTICE

# THE OLDE MATH OF FIELD DAY - QST DE GERRY WA6LNU

GERRY PROVIDED A FD LOGSHEET FROM MAY OF 1954 THAT HAD SOME UNUSUAL MULTIPLIERS. NOT QUITE LIKE THE NEW MATH OF FIELD DAY.-ED (SHOWN BELOW)

(onothing below)	
Nr. stns. worked contact points claimed:-	••••
+ Message-handling points claimed:-	• • • • •
X 3 if <u>both</u> transmitter and receiver supplied from independent power source:-	••••
Power multiplier: 3 if transmitter input 30 watts or less. 2 if input	

150 watts:
X 1.5 if battery power used on both transmitter and receiver (applies only to mobile, or Unit-

between 30 and 150 watts, 1 if input more than

\*TRANSFER TO APPROPRIATE BOX ON ARRL FD SUMMARY SHEET

Individual entries):-

SCORE:

# ANOTHER ONE BITES THE DUST... HISTORY REPEATING TISELF

SPHE'S SHACK
SPHE'S CHOICE
APA, OFFICEP'S CLI

PAARA'S STREAK OF "HITS"
CONTINUES WITH YET ANOTHER
HOLIDAY DINNER VENUE GOING
BY THE BOARDS, AS YOU CAN NOW
SEE IF YOU LOOK AT THE SITE OFF OF
HIGHWAY 101 IN REDWOOD CITY. WHERE
WILL IT END? WHERE WILL WE HAVE
THE '94 DINNER? STAY TUNED! -ED



radio headsets on your radio headsets on your curs while jogging may find it difficult to believe that radio reception was not so simple and easy at one time.

lieve that radio reception was not so simple and easy at one time.

Iremember, as a boy of about 9 years, the attempt to "pull in" a radio station by the use of a crystal set. A crystal about the size of a sugar cube was placed in a small basin, a "feeler wire" hung over it, and I methodically placed the wire on various areas of the crystal until some sound was received.

The headset was ancient and bulky compared to what is now available. We had earphones and, with proper aerial and ground connections, luck and much persistence, a local station could be heard, faint and with much static.

Atmospheric conditions were a big factor in reception. Rainy nights and nights of poor visibility seemed to be the best.

Antennas were a major factor in good reception; climbing on roof-tops to string wire was expected. As boys, climbing presented no problem. Mother was never advised of such climbs, although I'm sure she knew of them. She would have

occur to us.

The objective was simple: who

ken bones, a possibility that didn't

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The objective was simple: who could get the most stations and clear reception. Boys throughout the neighborhood competed with homemade units, and much bragging was done as to overall performance. Occasionally the truth would surface.

So much for the "kid stuff."

Ilater graduated to endeavors of
a more complex nature—a twotube, battery-operated receiver
with earphones, antenna, ground

wire and dials to select stations.

One did all the complicated wiring with care, properly placing the receptacles for glass tubes, installing the proper rheostat and selecting stations for listening.

There were problems in obtaining glass tubes; they were costly. I solved that one easily. I made the rounds of local radio repair shops looking for used glass tubes discarded by customers in commercial radio sets.

My approach was simple. I would ask the owner of the repair shop if I could have his discarded glass tubes for use as targets for my BB gun. Most

hauled away. Some tubes did become targets, but a few had enough life left to power my set. What was the high point of

owners were happy to have them

ny two-tube radio enterprise? l'Il never forget that night. Il ived in Cedar Rapids, Iowa. St. Louis, Mo., was approximately 300 miles away. Atmospheric conditions were just right and I pulled in a St. Louis Cardinals baseball game! I had arrived!

I was no more the novice.

My skills were not world-renowned, but that wasn't necessary. They were at least neighborhood-renowned.



By Clifford Melberg

COOD OLD DAYS & February 1994



## MORE OF RICH W6APZ'S ADVERNTURES IN EI-LAND

(PARTOFA CONTINUING SERIES)

As we approached Galway from Donegal, I heard EI4GRC sign on the Galway repeater (with an understandable but pronounced Irish accent) so I called him. After several tries without making contact, I announced my call as listening for a contact. No response. A while later I again heard "EI4GRC Galway", so again I called him. No response. Looking at the information sent me by IRTS, I knew that the call sign of the repeater was EI7AMB and I knew that running 25 watts I was making the repeater. I began to get suspicious. Again I announced my call. This time EI9GX, Jess, from County Tipperary called me. Guessing, I asked him if "EI4GRC Galway" was the digitized repeater voice. He confirmed my suspicions. The repeater had changed calls since the 1991 IRTS Handbook had been printed. I had been calling the repeater! In my mind, I knew exactly what the typical American repeater controller synthesized voice sounds like. When I heard a typical Irish voice announcing the call, I thought I was calling a real person!

Ireland has many television relay stations due to the hilly nature of the terrain. The highest mountain in Ireland is approximately 1000 meters high, yet there are many lower hills which would block TV reception to valley and coast areas without a repeater. On Achill Island, the TV repeater site was easily reached by a relatively good road, so up we went. This site was easily 1000 feet high, certainly well above surrounding terrain for many miles. As we made our way up to the top, the sun came out and the sight of the countryside was beautiful. I tried all the repeaters, but received no response. I even tried the FM mobile simplex frequency, but no response. It was then that I remembered that there are only 1700 licensed Irish hams. What was the probability that one of them would happen to be listening to two meters in the middle of the day? It would have made an excellent field day location, however.

(TOBECONTINUED....)



COALITION OF AMATEUR EXPERIMENTERS

MEETS 2ND & 4TH

WEDNESDAYS 7:00 PM AT



### PIZZA. & PASTA

301 EAST HAMILTON AVE.
BETWEEN HIGHWAY 17 AND WINCHESTER BLVD.
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2M TALK-IN 147.585 SIMPLEX (PL 151.4)



COAX
70 CM TALK-IN

70 CM TALK-IN W5RBK/R 440.100+ (PL 100)

JOIN PAARA'S VERY OWN MIKE KD6EUD AND ED KD6KCA FOR ALL THE FUN AND HAM EXPERIMENTING WITH THE COAX GROUP!

### PAARA VE TEAM QST DE RON W6VG

February 19, 1994 VE test, Ampex Cafeteria, Redwood City, CA Despite the heavy rain and cold weather, we had 21 applicants for testing. 15 novice and technician, 1 general, 5 advanced, and 2 extra tests were given. The two who took the extra test passed with perfect scores. Our congrats to them. On hand to administer the tests were: Joe Horne Sr. KB6OWG, Steve K6FS, Gene KK6LO, Rich W6APZ, Dan WB6STW, Bill WB6UVO & Ron W6VG.

SUNNYVALE VEC TEST HOTLINE. INCLUDES PAARA VE TEAM AMPEX CAFETERIA TEST DATES AND LATEST FCC INFORMATION. (408)255-9000.

#### **ESTATE SALE QST DE JACK W6LII**

The following equipment available from the estate of N7BNY/SK is listed and posted for offering to PAARA members before being listed on general swap nets. The radios and accessories are all in mint condition and ready for operation. If interested in any item call Jack W6LII at (415) 591-8526 for pick-up or delivery.

1 - FT900 DM TCVR w/CW FILTER	400.00
1 - FT 101DZ TCVR w/CW FILTER	375.00
1 - VERSA TUNER MFJ 941D	75.00
1 - MFJ KEYER w/BENCHER PADDLE 442	B 100.00
1 - 2MTR HANDHELD RS HX202 w/CHARGE	R
E/W 16 MEM & PL'S	200.00
1 - ICOM 2AT TCVR W/CHARGER	150.00
MANUALS AVAILABLE FOR ALL EQUIPMEN	T

## **WELCOME!**

I'D LIKE TO WELCOME THE FOLLOWING NEW MEMBERS:

JOHN AVALOS - NC
JOEL WILHITE - NC
DE RON KOGRFI

## WANTED: WORKING OR NOT WORKING

- VINTAGE (TUBE) HAM RADIO GEAR
- STRAIGHT CW KEYS AND MISC. PARTS CONTACT CLINT, KM6NJ (408) 742-4582

## **QST DE GERRY W6NIR**

LONG DISTANCE PAARA SWAP!

Rick (WAGNCX) long time PAARA member and all time innovative editor of PAARAGRAPHS, for the last many years portable 1 in Arlington, Mass. near where he works at MIT's Lincoln Lab, faced a local challenge. Arrival of Matthew Richard forced a decision. Rick must move out sufficient of his old time equipment to make room for a bassinet. It's the old conflict between boat anchors and babies. So Rick ran the following ad in a ham journal,

"Trade Gonset G66B/AC, (2) ELMAC PMR7's/AC Piper Autonav LF/BC RX----all for a nice telegraph key."

You see telegraph keys are small enough to be hidden in a corner of a bassinet; and, Lucy, babies cry for other reasons than being nipped by the contacts of a buried ham - key.

A Florida collector read the ad and coveted the Gonset or the Elmac or whatever. He telephoned Rick, but regrettably had not even a nasty key. "What do you have to trade?" asked Rick. "Well, I do have a nice Drake 2-c receiver." Wheels whirred in Rick's facile mind. He remembered that W6NIR had said months before that he was looking for a 2C. The trade was made, blind, on the spot. The Florida ham was given strict instructions. The Gonset - Elmac was on its way. The W4 must IMMEDIATELY forward the 2-c to Menlo Park, adequately packed and with manual.

So three days later a large package arrived at the W6NIR QTH, from Florida via UPS "3 day select", 17.52 lbs \$19.32, with a large legend inscribed on the inside cover of the box (per Rick's instructions) "SEND WA6NCX a nice telegraph key." This unlikely scenario should have produced, in the real world, a corroded old boat anchor, with rust competing with mouse droppings all over the chassis. Not true! The 2 - C was mint, without a scratch and operated perfectly the first time turned on. The astounded W6NIR reconstructed the unusual transaction and completed the trade by sending Rick a Ham-key paddle, an Autek Mark 1 memory keyer, and the pink slip for an Autek QFIA. We understand that Rick has already traded these for a "nice" Toyota pick-up, but that's another story.

## PAARA HISTORY! QST DE STEVE K6FS

HELP - club historian K6FS needs help locating (1) data/documents regarding founding and early days of Palo Alto Amateur Radio Association/Menlo Park CD Club; (2) names and calls of founding board; (3) names and calls of first and subsequent presidents. Thanks for any help! Mail, phone or packet via KA6JLT BBS. < VIA PACKET>



OAKLAND, CA 94606 2210 Livingston St. (510) 534-5757 (800) 854-6046

Phone Hours: 9:30 AM to 5:30 PM Store Walk-In Hours: 10:00 AM to 5:30 PM Closed Sundays

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